Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

6. (Currently amended) A method of generating a patterned λ/4 foil, comprising:

depositing a reactive liquid crystal layer on a substrate;

applying a mask, covering parts of the display corresponding to transmissive parts of ~~the~~ a display, while revealing parts corresponding to reflective parts;

photo-polymerizing said reactive liquid crystal layer, through said mask; and

removing non-reacted liquid crystal material.

7-11 (Canceled)

12. (Currently amended) ~~The method of claim 11,~~A method of producing a patterned optical foil, comprising:

providing a film of reactive liquid crystal material;

providing a pattern for processing the reactive liquid crystal material that defines first area segments and second area segments of the film; and

processing the reactive liquid crystal material via the pattern to produce:

a first optical retardation in the first area segments, and

a second optical retardation in the second area segments;

wherein

the first optical retardation is configured to provide an optical twist in the range of 80 to 100 degrees, and

the second optical retardation is configured to provide an optical twist at or near zero degrees.

13. (Currently amended) The method of claim ~~11~~ 12, wherein

the first optical retardation is substantially determined by a thickness of the reactive liquid crystal material.

14. (Currently amended) The method of claim ~~11~~ 12, wherein

the processing of the reactive liquid crystal material via the pattern includes

photo-polymerizing the reactive liquid crystal material in the first area segments, and

substantially removing the reactive liquid crystal material from the second area segments.

15. (Currently amended) The method of claim ~~11~~ 12, wherein

the processing of the reactive liquid crystal material via the pattern includes:

photo-polymerizing the reactive liquid crystal material at a first temperature at which the reactive liquid crystal material is in a nematic liquid crystal phase, and

photo-polymerizing the reactive liquid crystal material at a second temperature that is above a clearing point of the reactive liquid crystal material.

16. (Currently amended) The method of claim ~~11~~ 12, wherein

the pattern corresponds to an orientation layer, and

the processing of the reactive liquid crystal material via the pattern includes:

orienting the reactive liquid crystal material at a first planar orientation, and

orienting the reactive liquid crystal material at a second planar orientation that is substantially different from the first planar orientation.

17. (Previously presented) The method of claim 16, wherein

the first planar orientation differs from the second planar orientation by about 45 degrees.

18. (Currently amended) The method of claim ~~11~~ 12, wherein
the processing of the reactive liquid crystal material via the pattern includes:
providing a first birefringence to the first area segments, and
providing a second birefringence to the second area segments.

19. (Previously presented) The method of claim 18, wherein
the second birefringence is near zero.

20. (Currently amended) The method of claim ~~11~~ 12, wherein
the first area segments and second area segments form pairs of segments that are arranged as a two-dimensional array of pairs of segments.

21. (Previously presented) The method of claim 20, wherein
the array of pairs of segments corresponds to an array of pixels of a display device.

22. (Previously presented) The method of claim 20, wherein
the second area segments are substantially transparent.

23. (Currently amended) ~~A method as claimed in claim 11,~~ A method of producing a patterned optical foil, comprising:

providing a film of reactive liquid crystal material;

providing a pattern for processing the reactive liquid crystal material that defines first area segments and second area segments of the film; and

processing the reactive liquid crystal material via the pattern to produce:

a first optical retardation in the first area segments, and

a second optical retardation in the second area segments;

wherein

the first optical retardation is substantially different from the second optical retardation, and

each pair of first area segments and second area segments corresponds to a pixel of an array of pixels of a display device.

24. (Previously presented) The method of claim 23, further including:

providing a pair of polarizers that sandwich the array of pixels to form the display device.

25. (Previously presented) The method of claim 23, wherein

each pixel includes electrodes that are configured to control the liquid crystal material.

26. (Previously presented) The method of claim 23, wherein

the first optical retardation is configured to provide an optical twist in the range of 80 to 100 degrees, and

the second optical retardation is configured to provide an optical twist at or near zero degrees.

27. (Previously presented) The method of claim 23, wherein

the first optical retardation is substantially determined by a thickness of the patterned optical film.